

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/583,785
Source: IFWP
Date Processed by STIC: 07/06/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/583,785

DATE: 07/06/2006

TIME: 14:04:40

Input Set : A:\SEQ ID LIST.txt

Output Set: N:\CRF4\07062006\J583785.raw

3 <110> APPLICANT: Prof. Dr. Werner Seeger
 W--> 4 <120> TITLE OF INVENTION: Novel chimeric plasminogen activators and their pharmaceutical use
 C--> 5 <140> CURRENT APPLICATION NUMBER: US/10/583,785
 C--> 5 <141> CURRENT FILING DATE: 2006-06-19
 W--> 0 <130> FILE REFERENCE:
 W--> 5 <160> NUMBER OF SEQ ID: 26

Does Not Comply
 Corrected Diskette Needed
 (pg 1, 2)

ERRORED SEQUENCES

1970 <210> SEQ ID NO: 24
 1971 <211> LENGTH: 562 → OK
 1972 <212> TYPE: DNA → should be PRT
 1973 <213> ORGANISM: Homo sapiens
 1975 <220> FEATURE:
 1976 <221> NAME/KEY: PEPTIDE
 1977 <222> LOCATION: (1) ... (562)
 1978 <223> OTHER INFORMATION: Tissue-plasminogen activator
 1980 <400> SEQUENCE: 24
 1982 Met Asp Ala Met Lys Arg Gly Leu Cys Cys Val Leu Leu Leu Cys Gly
 1983 1 5 10 15
 1985 Ala Val Phe Val Ser Pro Ser Gln Glu Ile His Ala Arg Phe Arg Arg
 1986 20 25 30
 1988 Gly Ala Arg Ser Tyr Gln Val Ile Cys Arg Asp Glu Lys Thr Gln Met
 1989 35 40 45
 1991 Ile Tyr Gln Gln His Gln Ser Trp Leu Arg Pro Val Leu Arg Ser Asn
 1992 50 55 60
 1994 Arg Val Glu Tyr Cys Trp Cys Asn Ser Gly Arg Ala Gln Cys His Ser
 1995 65 70 75 80
 1997 Val Pro Val Lys Ser Cys Ser Glu Pro Arg Cys Phe Asn Gly Gly Thr
 1998 85 90 95
 2000 Cys Gln Gln Ala Leu Tyr Phe Ser Asp Phe Val Cys Gln Cys Pro Glu
 2001 100 105 110
 2003 Gly Phe Ala Gly Lys Cys Cys Glu Ile Asp Thr Arg Ala Thr Cys Tyr
 2004 115 120 125
 2006 Glu Asp Gln Gly Ile Ser Tyr Arg Gly Thr Trp Ser Thr Ala Glu Ser
 2007 130 135 140
 2009 Gly Ala Glu Cys Thr Asn Trp Asn Ser Ser Ala Leu Ala Gln Lys Pro
 W--> 2010 145 150 160 155 165 160
 2012 Tyr Ser Gly Arg Arg Pro Asp Ala Ile Arg Leu Gly Leu Gly Asn His
 W--> 2013 170 165 175 170 180 175
 2015 Asn Tyr Cys Arg Asn Pro Asp Arg Asp Ser Lys Pro Trp Cys Tyr Val
 W--> 2016 185 190 185 190 195 190

Invalid Amino Acid Numbers

RAW SEQUENCE LISTING

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W--> 2018 Phe Lys Ala Gly Lys Tyr Ser Ser Glu Phe Cys Ser Thr Pro Ala Cys
2019 ~~200~~ 195 ~~205~~ 200 ~~205~~ 210 205
2021 Ser Glu Gly Asn Ser Asp Cys Tyr Phe Gly Asn Gly Ser Ala Tyr Arg
2022 ~~210~~ 180 ~~215~~ 200 ~~215~~ 220 ~~215~~ 200
2024 Gly Thr His Ser Leu Thr Glu Ser Gly Ala Ser Cys Leu Pro Trp Asn
2025 ~~225~~ 230 ~~230~~ 30 ~~235~~ 240
2027 Ser Met Ile Leu Ile Gly Lys Val Tyr Thr Ala Gln Asn Pro Ser Ala
2028 245 250 255
2030 Gln Ala Leu Gly Leu Gly Lys His Asn Tyr Cys Arg Asn Pro Asp Gly
2031 260 265 270
2033 Asp Ala Lys Pro Trp Cys His Val Leu Lys Asn Arg Arg Leu Thr Trp
2034 275 280 285
2036 Glu Tyr Cys Asp Val Pro Ser Cys Ser Thr Cys Gly Leu Arg Gln Tyr
2037 290 295 300
2039 Ser Gln Pro Gln Phe Arg Ile Lys Gly Gly Leu Phe Ala Asp Ile Ala
2040 305 310 315 320
2042 Ser His Pro Trp Gln Ala Ala Ile Phe Ala Lys His Arg Arg Ser Pro
2043 325 330 335
2045 Gly Glu Arg Phe Leu Cys Gly Gly Ile Leu Ile Ser Ser Cys Trp Ile
2046 340 345 350
2048 Leu Ser Ala Ala His Cys Phe Gln Glu Arg Phe Pro Pro His His Leu
2049 355 360 365
2051 Thr Val Ile Leu Gly Arg Thr Tyr Arg Val Val Pro Gly Glu Glu Glu
2052 370 375 380
2054 Gln Lys Phe Glu Val Glu Lys Tyr Ile Val His Lys Glu Phe Asp Asp
2055 385 390 395 400
2057 Asp Thr Tyr Asp Asn Asp Ile Ala Leu Leu Gln Leu Lys Ser Asp Ser
2058 405 410 415
2060 Ser Arg Cys Ala Gln Glu Ser Ser Val Arg Thr Val Cys Leu Pro
2061 420 425 430
2063 Pro Ala Asp Leu Gln Leu Pro Asp Trp Thr Glu Cys Glu Leu Ser Gly
2064 435 440 445
2066 Tyr Gly Lys His Glu Ala Leu Ser Pro Phe Tyr Ser Glu Arg Leu Lys
2067 450 455 460
2069 Glu Ala His Val Arg Leu Tyr Pro Ser Ser Arg Cys Thr Ser Gln His
2070 465 470 475 480
2072 Leu Leu Asn Arg Thr Val Thr Asp Asn Met Leu Cys Ala Gly Asp Thr
2073 485 490 495
2075 Arg Ser Gly Gly Pro Gln Ala Asn Leu His Asp Ala Cys Gln Gly Asp
2076 500 505 510
2078 Ser Gly Gly Pro Leu Val Cys Leu Asn Asp Gly Arg Met Thr Leu Val
2079 515 520 525
2081 Gly Ile Ile Ser Trp Gly Leu Gly Cys Gly Gln Lys Asp Val Pro Gly
2082 530 535 540
2084 Val Tyr Thr Lys Val Thr Asn Tyr Leu Asp Trp Ile Arg Asp Asn Met
2085 545 550 555 560
E--> 2087 Arg Pro

Invalid
Amino Acid
Numbering

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 07/06/2006

PATENT APPLICATION: US/10/583,785

TIME: 14:04:41

Input Set : A:\SEQ ID LIST.txt

Output Set: N:\CRF4\07062006\J583785.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:2; Line(s) 124

Seq#:5; Line(s) 363

Seq#:6; Line(s) 448,453

Seq#:7; Line(s) 606,611

Seq#:9; Line(s) 829

Seq#:12; Line(s) 1049

Seq#:13; Line(s) 1172

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/583,785

DATE: 07/06/2006

TIME: 14:04:41

Input Set : A:\SEQ ID LIST.txt

Output Set: N:\CRF4\07062006\J583785.raw

L:4 M:283 W: Missing Blank Line separator, <120> field identifier
L:5 M:270 C: Current Application Number differs, Replaced Current Application No
L:5 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:0 M:201 W: Mandatory field data missing, <130> FILE REFERENCE
L:5 M:283 W: Missing Blank Line separator, <160> field identifier
L:925 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:11
L:929 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:11
L:933 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:11
L:937 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:11
L:2010 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:24
L:2013 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:24
L:2016 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:24
L:2019 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:24
L:2087 M:301 E: (44) No Sequence Data was Shown, SEQ ID:24
L:2087 M:252 E: No. of Seq. differs, <211> LENGTH:Input:562 Found:0 SEQ:24